This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

C L A I M S

What is claimed and desired to be secured by Letters Patent is as follows:

as ;

A closure for use in conjunction with a medical implant having an inward threaded surface; said closure comprising:

- a) a body having an axis of rotation and a threaded cylindrical shaped radially outward surface with threads sized and shaped to be threadably mated with a threaded surface of an implant;
- b) a driving head having a first cross section associated therewith perpendicular to the axis of rotation; and
- a removal head having a second cross section associated therewith perpendicular to the axis of rotation with said secured cross section being different from said first cross section.

2. The closure according to Claim 1 wherein:

Sub 927

said driving head is joined to said body by a breakaway region such that said driving head breaks away from said body when a predetermined torque is applied to the driving head.

- 3. The closure according to Claim 1 wherein:
 - a) said removal head is axially centered and positional between said body and said driving head.
- 4. The closure according to Claim 1 wherein:
 - a) said driving head cross section has a first polyhedral shape and said removal head cross section has a second polyhedral shape different from said first polyhedral shape to prevent an installation socket tool from inadvertently gripping both said driving head and said removal head during installation.

A medical implant system comprising:

a) an open headed medical implant having a head formed by a pair of spaced interiorly threaded arms defining a channel therebetween sized and shaped to receive a rod member; and;

Sul. BJ

- b) a closure member including:
 - i. a body having an axis of rotation and a threaded cylindrical shaped radially outward surface with threads sized and shaped to be threadably mated with said threaded arms;
 - a driving head having a first cross

 section associated therewith

 perpendicular to the axis of rotation;
 and
 - iii. a removal head having a second cross section associated therewith perpendicular to the axis of rotation with said second cross section being different in comparison to said first cross section.

The implant system according to Claim 5 wherein:

- a) said driving head is joined to said body by a breakaway region such that said driving head breaks away from said body when a predetermined torque is applied to the driving head.
- 7. The implant system according to claim 5 wherein:

54693/6.

- a) said removal head is axially centered and positional between said body and said driving head.
- 8. The implant system according to Claim 5 wherein:
 - a) said driving head cross section has a first polyhedral shape and said removal head cross section has a second polyhedral shape different from said first polyhedral shape to prevent an installation socket tool from inadvertently gripping both said driving head and said removal head during installation.

A closure for use in conjunction with an open headed medical implant having a pair of interiorly threaded arms for receiving the closure; said closure comprising:

- a) a cylindrical shaped body with a radial outward threaded surface sized and shaped to be threadedly received between arms of such an open ended implant; said body having an axis of rotation;
- b) a driving head axially aligned with and attached to said body and having a first gripable outer surface; and

Sul By

וריים לייבור לי

a removal head axially aligned with and attached to said body and having a second gripable outer surface; said first and second gripable outer surface being different in configuration so as to prevent a tool used with said first surface from also accidentally gripping said second surface.

The closure according to Claim 9 wherein:

- a) said driving head is attached to said body at a breakaway region that provides for said driving head to break from said body when a preselected torque is applied to said driving head.
- 11. The closure according to Claim 9 wherein:
 - a) said driving head and said removal head have different shaped cross sections perpendicular to said axis of rotation.
- 12. The closure according to Claim 9 wherein:
 - a) said driving head is larger in cross section in comparison to said removal head.
- 13. The closure according to Claim 9 wherein:
 - a) each of said driving head and said removal head have a number of faces forming a

polyhedral cross section; said driving head having a different number of faces in comparison to said removal head.